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## SEQUENCE LISTING

<110> National Research Council of Canada  
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KOUTYCHENKO, Anatol

<120> QUANTITATIVE RANKING OF TRANSIENT LIGAND  
BINDING TO TARGET BIOMOLECULES BY USE OF NUCLEAR MAGNETIC  
RESONANCE

<130> 2139-24PCT

<150> US 60/346,894

<151> 2002-01-11

<160> 20

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<223> Xaa = HomoSerine Lactone

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Gly Val Ser Pro Arg

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&lt;213&gt; Artificial Sequence

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&lt;223&gt; Anti-thrombin peptide

&lt;400&gt; 7

Gly Leu Asp Pro Arg

1

5

&lt;210&gt; 8

&lt;211&gt; 5

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&lt;213&gt; Artificial Sequence

&lt;220&gt;

&lt;223&gt; Anti-thrombin peptide

&lt;400&gt; 8

Gly Val Asp Pro Arg

1

5

&lt;210&gt; 9

&lt;211&gt; 5

&lt;212&gt; PRT

&lt;213&gt; Artificial Sequence

&lt;220&gt;

&lt;223&gt; Anti-thrombin peptide

&lt;400&gt; 9

Gly Phe Asn Pro Arg

1

5

&lt;210&gt; 10

&lt;211&gt; 5

&lt;212&gt; PRT

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&lt;223&gt; Anti-thrombin peptide

&lt;400&gt; 10

Gly Pro Asn Pro Arg

1

5

&lt;210&gt; 11

&lt;211&gt; 5

&lt;212&gt; PRT

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&lt;223&gt; Anti-thrombin peptide

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1 5

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Gly Asp Leu Glu Glu Ile Pro Glu Glu Tyr Leu Gln Xaa  
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&lt;220&gt;

&lt;221&gt; ACETYLATION

&lt;222&gt; (1)...(1)

&lt;400&gt; 15

Asp Phe Glu Glu Ile Pro Glu Glu Tyr Leu Gln  
1 5 10

&lt;210&gt; 16

&lt;211&gt; 35

&lt;212&gt; PRT

&lt;213&gt; Artificial Sequence

&lt;220&gt;

&lt;223&gt; six Anti-thrombin peptides in tandem

&lt;400&gt; 16

Gly Leu Asp Pro Arg Met Gly Val Asp Pro Arg Met Gly Phe Asn Pro  
1 5 10 15  
Arg Met Gly Pro Asn Pro Arg Met Gly Phe Ser Ala Arg Met Gly Val  
20 25 30  
Ser Pro Arg  
35

&lt;210&gt; 17

&lt;211&gt; 4

&lt;212&gt; PRT

&lt;213&gt; Artificial Sequence

&lt;220&gt;

&lt;223&gt; Anti-thrombin peptide

&lt;400&gt; 17

Phe Asp Pro Arg  
1

&lt;210&gt; 18

&lt;211&gt; 18

&lt;212&gt; PRT

&lt;213&gt; Artificial Sequence

&lt;220&gt;

&lt;223&gt; Anti-thrombin peptide

&lt;400&gt; 18

Pro Gln Ser His Asn Asp Gly Asp Phe Glu Glu Ile Pro Glu Glu Tyr  
1 5 10 15  
Leu Gln

&lt;210&gt; 19

&lt;211&gt; 12

&lt;212&gt; PRT

&lt;213&gt; Artificial Sequence

&lt;220&gt;

&lt;223&gt; Anti-thrombin peptide

&lt;400&gt; 19

Gly Asp Phe Glu Glu Ile Pro Glu Glu Tyr Leu Gln  
1 5 10

&lt;210&gt; 20

&lt;211&gt; 22

&lt;212&gt; PRT

&lt;213&gt; Artificial Sequence

&lt;220&gt;

&lt;223&gt; Anti-thrombin peptide

&lt;400&gt; 20

Phe Asp Pro Arg Pro Gln Ser His Asn Asp Gly Asp Phe Glu Glu Ile  
1 5 10 15  
Pro Glu Glu Tyr Leu Gln  
20